

Sommario Rassegna Stampa

Pagina	Testata	Data	Titolo	Pag.
Rubrica	L'EVOLUZIONE DELLE CAUSE DI CIRROSI - 13/6/22			
	Adnkronos.com	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	2
	Insalute.it	24/06/2022	<i>Steatosi e cirrosi epatica: alcol e malattie metaboliche le cause principali</i>	7
	Oggicronaca.it	24/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica</i>	14
	Padovanews.it	23/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	17
	Ilgiornaleditalia.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	20
	Impress.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica</i>	22
	LARAGIONE.EU	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: "S</i>	25
	Lasicilia.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	28
	Lifestyleblog.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	31
	LOCALPAGE.EU	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	33
	Money.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	37
	Tiscali.it	22/06/2022	<i>Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: Se</i>	40
	Comunicati-stampa.net	09/06/2022	<i>Invito stampa - Il percorso ad ostacoli del malato di fegato. Levoluzione delle cause di cirrosi: da</i>	43
	Informazione.it	08/06/2022	<i>Invito stampa - Il percorso ad ostacoli del malato di fegato. L'evoluzione delle cause di cirrosi: d</i>	45
	Intopic.it	08/06/2022	<i>Invito stampa - Il percorso ad ostacoli del malato di fegato. L'evoluzione delle cause di cirrosi: d</i>	47



7. 00 - 0 * 0 -1***0 -" ., 0



JkF`JHX0...0 RoPA`0...f...
PPR`k^=00 « 0f



1 0 j"- 0
0 7.

„%o « 0.tRH0`PPR0 =zR`a`0o`n=0„ff`a0R\ „^`0 Fk=R^=a „^`00DFR^joJ0nRn`
%o0^`0E†0F`^n=PR0J0 000]=kFR000H`]=^HJ`0R0J0k00IIR=«0=\0tR=hJPPR`kR0HJ\0 nI.
-`]=0†00E„...0F=IR JnA JIJkFRn=zR`^R0tRF0R0R0\0=0.=RhJ]
F`^OR^J

** 0 " " -" . * 00 " . 10 6"- " .0 0 j 0 - ; " 1 " 0 1-" * -- - "
."-0 ; 1 01- *.. "0"- 0 7 " 000 " 1 ; " 0 0 . 1 0

0JJR0F0HR

.hJFR=\R

`jJ]]JHR=hkJII=\onJ0 0 J^JIIkJJ

"- 0

" 1 0"0.0 *

3 U L P D S D J I

]JkPJ^z=0=\F`\0J0]=\=nnRJ
]Jn=E`\RFQJ0F=0IJ0n`kR^FRh=
HR0InJ=n`IR0J0FRkk`IR0Jh=n
0F\R^RFR«0Æ.JktJ0kRtJHJkU
hR=^R0^=zR`^=\R0HR
hkJtJ^zR`^J0J0FkJ=kJ
hJkF`kIR0HR=P^`InRFR
nJk=hJonRFR0HR0O=FR\J0KR,

...0PRoPA`0...f...000„%o0†f
001- «0^0]R^onR



=nokRnA0...f...`a0`PPR.
*=IF`\R^006JkP=0J0.JPkJ.

F`hRnJÐH=ÐFRkk`IRÐJh=nRF=ÐI`^`Ð„<f]R\=ÐF=IRªÐF`^Ðo^Ðn,joRiÐoHaÐDihkL=
HJ\\`Ðf`a†èÐ^J\\=Ðh`h`\\@ÐR=ÐJÐRi`h`ªRER\RnAÐHRÐO=k]=FRÐ=ÐRFF¿^JÐO=Ðn=
Q=Ðhk`H`nn`Ð`kRzz`^nRÐ^o`tRÐhJkÐRÐhFÆRUDªRÐRk`^Ð]=\=nnR=ÐJh=nRF=ªÐ]
J`n`ÐH=ÐO=kJÐhJkÐO=kÐJ]JkÐHÐR^ÐhR]Jk]h=nRf=-ÐR^`nkJa
^`^ÐNÐI`\\`Ð 6ªÐh`RFQKÐJ]JkP`^`Ð]`nJÐ=\nkJÐF=oiJÐjo=\RÐ]=kRhnRUnkJÐ†
J]n=E`R\FQJÐJÐ=\F`^aÐFQJÐR^Ð=I]J^z=ÐHRÐ]^`Rn`k=PPr`ÐhO]n^okj]`ÐJÐk]Ð
FRkk`IRªÐF=^Fk`ÐJh=nRF`ÐJÐOR^`Ð=\Ðnk=hR=^n`ÐHRÐOJP=n`ªÐR^FRHJ^H`Ð
IRP^RORF=nRt=ÐIo\\É`kP=^Rzz=zR`^JÐI`FR`¿=IIRInJ^zR=\JÐJÐIo\\ÉR]h=nn`ÐJ
PJInR`^=\JÐHJRÐt=kRÐIRInJ]RÐI=^Rn=kRÐk]PR`^=\R©

\\=Ð\oFJÐHJ\\JÐkRI`kiJÐR^Ð=kRt`ÐH=\Ð* --ªÐF`]JÐH`tkAÐkR`kP=^Rzz=kIRÐ
=IIRInJ^zR=\J`Ð*JkÐkRIh`^HJk]Ð=ÐjoJh`k`ÐÐ=ÐRÐA`nkJÐH`]=I]JÐQJÐRn=\R=
F`^Ð\=ÐIh`^i`kRzz=zR`^JÐ^`^ÐF`^HRzR`^=^nJÐHRÐ \O=IRP]=ÐJ]R^RkF`Ðh=
*Q=k]=FJonRF=\iªÐQ=Ðhk`]`II`ÐRÐÐªJER`ª="ÐH=\Ðnkn`\\`«ÐÆ
".0 " Ð Ð 0"Ð Ð 0"ÐÁÐ É 6" 1; " Ð Ð 1. Ð 7]OªÐR\Ð JInRt=
--". «Ð É 6ªÐ É 1."Ð Ð ""ªÐ Ð© . lo\\ÉR^^`t=zR`^.

oF=Ð RÐ\RkRPJ^nJÐ JHRF`Ð1" Ð JHRFR^=Ð ^nJk^=ÐJÐHJ\ÐO R=ERn^ªÐ=ÐÐtR
JP=n`Ð*`R\F\R^RF`Ð J]J\\RÐ-`] =ÐQ=ÐO=nn`ÐR\Ðho^n`ÐIo\\=ÐRkRfRfR]AÐR
^`Ink`Ðh=J]JÐJÐQ=ÐHJIFkRnn`ÐR\Ðh=zR]J^nJÐFRk`nRf`©

Æ.JF`^H`ÐH=nRÐHRÐÐkR]JZRRªÐ=^RÐh`nkJ]]`Ð=tJk]Ðo^ `tRHªDJFF`Ð=\f
kRIFQR`ÐHRÐR^Fk]J^n`ÐHRÐFRkF=ÐR\Ð„ŠfèÐHRÐFRkk`IRÐ`nk]ÐFQJÐHR
Jh=n`F=kFR^`]=ÐJÐHRÐ]^`knRÐ\JÐÐn]Ð=ÐFHRI]JÐÐO=kR]FQJ
`tRHÐFRÐQ=ÐO=nn`ÐkRO\JnnJk]ÐIo\\=Ð^JF]IIRnAÐHRÐkR`kP B^k`z`=P]J`HRn
h=zR]J^nJÐ=\\ÉR^nk^`ÐHJ\\ÉR HJ^H`AÐR]Jk]F`YH`ÐHRÐ]J^nJÐR R]I=
I`PPJÐn]F`^Ð]Jn`HRFQJÐ^`^ÐÆERH]tÐOÐÐ^`Jn]U]R nAÐHR
=tJk]ÐHJRÐO=k]=FRÐJOORF=FRÐJÐIRFokRÐIo\\=ÐInJ=n`IRÐJh=nRF=Ð^`^Ð=
^o`t=ÐJ]JkPQ©z=

\Ðh=zR]J^nJÐFRkk`nRF`ÐNÐo^Ðh=zR]J^JÐQ=mnR]J]J^nJÐOk=PR\\JÐF`]hJnJz
O=FR\\J^nJÐR^F`^nk`Ð=Ð`IhJH=\Rzz=zR`^RªÐhJkÐ LQ(YLGHQJD)RtRÉB^HkÐFRÐt^:
Fk`^RF=Ð=EE=In=^z=ÐF`]hJ^I=n=ÐhodÐ=^H=k]ÐR^F`^nk`Ð^J\Ðn]Jh`Ð=^FQJÐ=
o^=ÐF`^HRzR`^JÐHRÐIF`]hJ^I`ÐJh=nRF`ÐFQJÐhodÐJ]I]k]Ðhk H]RÐ]R=^P]ÐH`Ð
FQJÐh`II`^`ÐJ]I]k]Ð=^FQJÐh`nJ^zR=\]J^nJÐ\Jn=\R LQ(YLGHQJD)JÐR]k]zRR^RÐ`ÐR
I=^PoR^=J^n`ÐP=Ink`R^nJInR^=\J-Ðjo=^H`ÐIRÐtJkRORF=^`ÐjoJInRÐJtJ^nRÐ.
nk`t=Ð^J\\=ÐO=I]ÐHRÐFRkk`IRÐIF`]hJ^I=n=ÐR\ÐkRIFQR`ÐHRÐ H]h`Ð=I`R`k]zR]I
=HÐo^Ð=^^`ÐH=\\ÉJtJ^n`ÐÁÐQ=Ð=PPrO^n`Ð R]J]Ð¿©Ð =Ð]`kmæR]AÐZIR]AÐFR
kRH`nn=Ð^J\\É=kJ=ÐHJ\Ð JHRnJkk=^J`Ð]=ÐFRÐI`^LQ(YLGHQJD)z`z]J^H`RÐR^F`
R^Fk]J]J^n=nªÐhJkn=^n`Ð=ÐFRkk`IRÐk]In=Ðo^Ðhk`E\J]=Ð^`^Ðnk=Fok]F]R]J©
\\ÉJhRHJ]R`\\`PR=ÐHJRÐh=zR]J^nRÐFQJÐt=^^`Ð=\Ðnk=hR=^n`ÐNÐÐ=J]FR=ÐF#ÐF
hRsÐh=zR]J^nRÐFQJÐQ=^^`Ðo^=ÐJh=n`h=nR=Ð=\F`R\F=Ð`Ð]Jn=E`R\F=ÐJÐ]^`n
h=zR]J^nRÐF`^ÐJh=nRnJÐ ÐPk=zR]JÐ=\\JÐ^o`t]ÐnJk=nk]J©

.JF`^H`Ðt=n`k]Ð*Ðh`=OJII`k]Ð II`FR=n`ÐR^Ð =Ink`J^nJk`\\`PR=
`R\F\R^RF`ÐÆ=`\\`Ð R=^FÐn]J^R`ªRÐ]h`ªDRF=Ð^`^LQ(YLGHQJD)F=Ðnk]FQRÐJ^kP.

163930

1 OORFR`ĐIn=]h=Đ `n`kJĐ.=^RnA

F`]o^RF=zR`^Jé]`n`kJI=^Rn=©Rn

R\R=^=Đ ĐkĐ`^\\@Đ†‡ŠĐ...%‡...„,‡

=kF`Đ RĐ^HĐRJ\\@Đ†...ŠĐ<Ā...fĀ%...

uuu@]`n`kJI=^Rn=©Rn

- *-" 1; " Đ- . -6 0
iĐ "9- 0Đ -" "



Đ-`] =ĐR\ĐIJ]R^:
Ī ^=\RIRĐHJ\Đ^o
|RInJ]=ĐHRĐP=k
J=Ī

LQ (YLGHQJD

LQ (YLGHQJD

LQ (YLGHQJD

LQ (YLGHQJD

.FRJ^z=ĐêĐ.=\o
Ī*`tJk=Đ]=ĐkRFF
l=h`kJ«Đ\=ĐnkR
hJIFJĪ

=klĭ-`w=\Đ =^R
^R ok=aĐ^o`t=Đ
kohh`ĐR^Đo^ĐF
„ffèĐhJnĐOkRJ.

... ĐhkJIJ^n=ĐR
R\=^FR`ĐHRĐ.`
nJkkRn`kR=\JĐH

0`k^=Đ\=Đ„ffĐ
F`kl=ĐhRsĐEJ\\:
]`^H`

LQ (YLGHQJD

^R^Đ=\ĐtR=ĐĪ0(
RtJĐ.n`^JIĪĐR^Ī
kRF`InkozR`^JĐ
.=^Đ J^JHJnn`

ĪR^O`k]=zR`^JĐF`^nR^o=ĐF`^Đ\=Đ^JuI\JnnJk
6o`RĐkJIn=kJĐR\FkRtRnR^Đ=ĐVJ^Juu
H^[k`^`IĐR^tR=n=Đ`P^RĐPR`k`^aĐH=\Đ\o^JHXĐ=\ĐtJ^JkHX^aĐF`^Đ\JĐhRs
R]h`kn=^nRĐ^`nRzRJĐHJ\\=ĐPR`k^=n=

7 DJ

- ;Đ " 00 Đ 0 " .0 0". --". Đ * 0

LQ (YLGHQJD

^PJPA^JkRĐF\RA
F`^tJP^`Đ=Đ-RF|

LQ (YLGHQJD

9 HGL DQFKH

LQ (YLGHQJD

„ĐĐ.o]]RnĐ \oJĐ
n=\R=Đ Jnu`k[

LQ (YLGHQJD

=nJk^aĐ†fĐ=^^R
tJ^nokJĐnk=Đ ^F
^HoInkRJIĐJĐ*k
=]E\J

LQ (YLGHQJD

\ĐtR=Đ\JĐĪ.FQ`
n=\wĐloĐ\JoFJ]
]RJ\`]=Đ]o\nRh\`

0onnJĐ\JĐ^`nRzI
=zR`^=\JĐHRĐ-
-JIR\RJ^z=Đlo\Đ
nJ]=nRF`Đ H^[k`

.tJzR=aĐ]RInJkR
R^Đt`\\ĐloĐFJ^n
^oF\J=kRĐJĐ*=k

H^[k`^`IĐJĐ PJI
k=FF`^n=^`ĐR\ĐI
*=JIJĐF`^ĐP\RĐ`
R^In=Pk=]Jk

LQ (YLGHQJD

Ī `kHRFĐ0=\JIĪ^Ī
ORIRF=ĐF`^nk`E
]o\nRh\=

+RPH &KL VLDPRJDJLQH&RQWD&HWUWLILFDJLRQH +21FRGH

+RPH 0HGLFLQDLFHURXWULJLQWQHVLFROBHLVXROBRIEDH\$VWWD\$PELQHQWH H 7HU
6FLHQJD H 7HQRXURHJJD

6(*8,&, 68 - - ã g a

0(',&,1\$

\$57,&2/2 68&&(66,92
,O PHGLFR GL PHGLFLQDKJHQHDAH XQ DOODDWR
GHL FLWWDGLQL

6WHDWRVL H FLUURV
PDODWWLH PHWDERO
SULQFLSDOL

\$57,&2/2 35(&'(17(
661 OD WHPSHVWD SHUIHWD *VHUYLWD
j \$QDDR \$VVRPHG FKLHGH LQYHVWLPHQWL SHU*12
XVFLUH GDOOD FULVL

1HL SURVVLPL DQQL VL VWLPD XQ LQI
HSDWRFDUFLQRPD H GL PRUWL OHJDWH

'LJLWD LO WHUPLQH GI

5RPD JLXJQR
/ØHFFHVVLVYR FRC
FUHVFLWD QHOOD
LWDOLDQD H OH
PHWDEROLFKH VR
FDXVH SULQFLSDI
VWHDWRVL H GL I
QRVWUR 3DHVH JI

/Ø('725,\$/(

GL XQD YHUD H SURSULD HPHUJHQJD \$ T
GHILQLVFRQR OD ÚPDODWWLD GL IHJDWF
DOFROLFD FH OØKD XQD SHUVRQD VX
GL FDWWLYL VWLOL GL YLWD 'L IURQWH
SUHFRFHPHQWH L VRJJHWWL D ULVFKLR
SUHYHQJLRQH

6RJQL D QRQ ILQLUH
RVWDFROR
GLLFROHWWD &RFFR

/H PDODWWLH FURQLFKH GHO IHJDWR UD
HSLGHPLRORJLFD H FOLQLFD D OLYHOOR
FROSLWH GD FLUURVL HSDWLFV VRQR
GHOOR QHOOD SRSRODJLRQH WRWDO
SURGRWWR RULJJRQWL QXRYL SHU L SDJI

PROWR GD IDUH SHU IDU HPHUJHUH LO V
QRQ a VROR +&9 SRLFK« HPHUJRQR PROI
PHWDEROLFKH H DOFRO FKH LQ DVVHQ]I
FLUURVL FDQFUR HSDWLFH H ILQR DO W
VLJQLILFDWLYD VXOOØRUJDQL]]D]LRQH V
HFRQRPLFR JHVWLRQDOH GHL YDUL VLVV

\$OOD OXFH GHOOH ULVRUVH LQ DUULYR
ILOLHUD DVVLVWHQ]LDOH" 3HU ULVSRQGI
6DQLWç KD SURPRVVR LO ZHELQDU GDO \
GL IHJDWR Õ /ØHYROX]LRQH GHOOH FDXV
DOOD 1DVKÛ

6(6682/2*, \$

/XFD 0LHOH 'LULJHQWH 0HGLFR 82& 0HG
)HJDWR 3ROLFOLQLFR *HPHOOL 5RPD KD
QRVWUR SDHVH H KD GHVFULWWR LO SDJ
SURLH]LRQH QHL SURVVLPL DQQL SRV
GL FLUFD LO GL FLUURVL ROWUH FKH
FDXVH HSDWLFKH &RVD SRVVDPR IDUH'
QHFHVVLWç GL ULRUJDQL]]DUH WXWWR L
GHOOØRVSHGDOH FHUFDDQR GL LGHQWL
PHWRGLFKH QRQ LQYDVLYH ,QROWUH DI
HIILFDL H VLFXUL VXOOD VWHDWRVL HS

,QFRPSDWLELOLWç V
VHJQDOL D FXL SUH\
GQDUFR 5RVVL

&2081, &\$7, 67\$03\$

,O SD]LHQWH FLUURWLFH a XQ SD]LHQWH
IDFLOPHQWH LQFRQWUR D RVSHGDOL]]D]
FRQGL]LRQH FURQLFD DEEDVWDQ]D FRPS
WHPSR DQFKH DG XQD FRQGL]LRQH GL VI
SUHFLSLWDWR GD HYHQWL FKH SRVVRQR
FRPH OH LQIH]LRQL R LO VDQJXLQDPHQW
YHULILFDQR TXHVWL HYHQWL H FL VL WL
ULVFKLR GL PRUWDOLWç GHO VRJJHWWR
0LHOH Õ /D PRUWDOLWç SHU FLUURVL VL
VRQR DOFXQH]RQH GRYH a LQFUHPHQWD
SUREOHPD QRQ WUDVFXUDELOH \$QFKH (\
WUDSLDQWR a FDPELDWD FL VRQR PROW
DOFROLFD R PHWDEROLFD H PROWR PHQ
WHUDSLHÛ

&KLUXUJLD URERWLF
6XSHULRUH GL 6DQL
ORUHOOL FRRUGLQDI
DGGRPLQR SHOYLF
*,8

,O PHGLFR GL PHGLF
DOOHDWR GHL FLWW
*,8

6HFRQGR 6DOYDWRUH 3HWWD 3URIHVVR
3ROLFOLQLFR Ú3DROR *LDFFRQHÛ 3DOH
XQD SDQGHPLD a OD PDODWWLD GL IHJD
VWHDWRVL HSDWLFH QRQ DOFROLFD LO
VWHDWRVL HSDWLFH QRQ DOFROLFD WX
'REELDPR DJLUH VXOOD SUHYHQ]LRQH LC
OØ GHOOD SRSROD]LRQH JHQHUDOH H

661 OD WHPSHVWD \$
\$QDDR \$VVRPHG FKL
SHU XVFLUH GDOOD

*,8

&RYLG SHULFRORVD
1XUVLQJ 8S Ú*OL LG
SL» HVSRVWL DO ULV

*,8

(XURSHDQ 6RFLHW\ F
*XLGR *UDVVL QXRYR

*,8

/D VRFLHWç FLYLOH
GHOOD VDOXWH JOR

*,8

ODODWWLH UDUH HV
)URQWLHUV OHHWLQ.

*,8

GDQQR HSDWLFV VHYHUR D ULVFKLR GL
LQWHUFHWWDUH QHOOØDPELWR GHOOD
GLDEHWRORJLFKH TXHVWL VRJJHWWL GD
XS 3HUWDQWR YDQQR FUHDWH UHWL FK
FRQ LO FHQWUR H VYLOXSSLQR GHV SHU
UHIHUUOO ,QROWH DG RJJL QRQ HVLVW
YDQQR FRVWUXLWL VLD XQD LGHQWLWç
VLD GHV SHUFVUVLÛ

*LDQQL 7HVWLQR 'LUHWWRUH 6& 3DWRO
\$6/ Õ 2VSHGDOH 6DQ 0DUWLQR *HQRYD
,WDOLDQD GL \$OFRORJLD 3UHVLGHQWH 6
HSDWLFV Û, SDJLHQWL H OH ORUR IDPLJ
SHUFK« VL YHUJRJQDQR D SDUODUQH H -
LQWHUFHWWDUOL GDOOØDOWUD VL ULG
FDVL 4XLQGL QRQ VROR DEELDPR XQD U
SUHFRFH PD DQFKH XQD IRUWH ULGXJLRç
DQFRUD FXUDELOH /D SUHYHQJLRQH SUI
JHQLWRUL H OD VFXRODÛ

/ØDOFRO a XQD GHOOH FDXVH GL VYLOXS
GHOOØDYLLFLQDPHQWR DOOØDOFRO a F
JLRYDQL a SHVDQWHPHQWH FRLQYROWD
PLOD VRWWR L DQQL H VRQR FRQVLç

Û,Q ,WDOLD FLUFD LO GL WXWWH OH |
GL WXWWH OH FLUURVL HSDWLFKH H -
VHFRQR L GDWL GHOOØ,VWLWXWR 6XSH
6FDIDWR 'LUHWWRUH 2VVHUYDWRULR 1D
VRQR PLOLRQL L FRQVXPDRUL GL DOF
FRQVXPDRUL D ULVFKLR PLOLRQL G
FLUFD PLOLRQL GL XEULDFKL GD ELQJH
ÛKHDI\ GULQNHUVÛ EHYLWRUL SHVDQW
GDQQRVD SHU OD VDOXWH VRQR FLUFD
FDULFR GDO VHUYLJLR VDQLWDULR QDJL
LQWHUFHWWDUH LO GL WXWWL FRORU
LQROWH LO GL WXWWL L FDVL GL FD
DOFRO %LVRJQD DJLUH VX GLYHUVL OLY
JHQHUH DWWUDYHUVR OD SUHYHQJLRQH
FROPDQGR L PROWL JDS GHOOD SURJUDF
QDJLRQDOL GL SUHYHQJLRQH GHYRQR HV
QDJLRQDOH DOFRO H VDOXWHÛ





6DOYD FRPH 3')

0LOHQD)LQL QXRYD
VFLHQWLILFD GHOOØ
5L]]ROL

*,8

7DJ DOF FLUURVL (PDQXHOH (HSDWRFDU IHJD' *LDQQQL 7HVWLQR
/XFD 0L PDODWWLH PDODWWLH P 6DOYDWR= VWHDWRVL HSDWLFD

/H LQIRUPDJLRQL SUHVHQWL QHO VLWR GHYRQR VHUULUH D PLJOI
QHVVXQ FDVR VRVWLWXLVFRQR OD FRQVXOHQJD PHGLFD VSHFLDO
GL GLVWXUEL H R PDODWWLH ^a VHPSUH QHFHVVDULR ULYROJHUVI

¶ 3275(%%(\$1&+(,17(5(66\$57,

*XLGD SUDWLFD DO {
3URIHVVLRLQL 6DQLW
SXEEOLFD OØDJJLRU

*,8

0DODWWLH UD6FOHURVL PXC6LQGURPH
'DFF' GHOOØ,'ULODVFLR GL GHOOØLQWHV
0DULR 1HJUL DVWURFLWL ^a QXRYR IDUPDF
DQQL GL ULDOOD SHUGLWSHUPHWWH OF
)(% 'DOOD VFRSHUVYH]]DPHQWR
WDUJHW WHUIQXWUL]LRQH ;

*,8

6(7

'RORUL FURQLFL WH
WHFQRORJLD LQ 7RV

*,8

\$QHXLVLPD DRUWLFF
SUHYHQ]LRQH SDUWI
WDSSH LWDOLDQH

*,8

3HVWH VXLQD UHFH
6WDWR 5HJLRQL GHF
6RWWRVHJUHWLUR
SL» SHU VFRQILJJHU

*,8

0DODWWLD GL \$OJKH
GL 3HW 7KHUDES\ DOO
*,8

0XWLODJLRQL JHQLW
DWWLYLWç GL SUHYF
*,8

\$OOØ,5&&6 *HPHOOL
)DWHEHQHIUDWHOOL
Ú5LODQFLR VWRULFR
FDSLWROLQRÛ
*,8

*LRUQDWD QDJLRQDC
YLVLWH JUDWXLWH S
GL 9LOOD 6RILD &HU
*,8

/HXFHPLH OLQIRPL |
QXRYH WHUDSLH EXR
JXDULJLRQH
*,8

7XPRUH DO SDQFUHD
FRRUGLQDWRUH WDY
0LQLVWHUR GHOOD \

*,8

'LVWXUEL GHO QHXU|
ULDELOLWD]LRQH SV
]DPSH DO *DVOLQL

*,8

9LWLLOLJLQH VFUHH
JUDWXLWL DOOØ2VSI
5RPD

*,8

*OL HIIHWL GHOOH
VDOXWH 3LDQR &DO

*,8

9LDJJLR QHL 3URQWI
1XUVLQJ 8S Ú7UD FI
H FUHSH VWUXWWXU

*,8

*LRUQDWD QD]LRQDC
OHXFHPLH OLQIRPL
VSHFLDOLVWL ULVSR
9HUGH \$,/

*,8

&URPDWRJUDILD ELG
Ú6FLHQWLILF \$FKLH
SURI VVD &RUGHUR S
ULFHUFD

*,8

&DPELD OD JHVWLRQ
PD LO YLUXV FØ^a VH
LQWHUIRU]H ODYRUC
VXL ULVFKL ELRORJL

*,8

7ZHHW [LQVDOXWHQHYZ](#)

LQVDOXWI
#LQVDOXWHQHYZV

6WHDWRVL H FLUURVL HSD
PHWDEROLFKH OH FDXVH S
LQVDOXWHQHYZ [LW](#) LQ VDC



P

LQVDOXWI
#LQVDOXWHQHYZV

&KLUXUJLD URERWLFD LO

(PHUJHQJD DOFRO H PDODWWLH PH
SULQFLSDOL GL VWHDWRVL H FLUU

*LX _'RYH \$QGDUH

/ÍHFFHVVLJR FRQVXPR GL DOFRO LQ FUHVFLWD QHOOD SRSRODJLRQH LWDOL
GHOOH FDXVH SULQFLSDOL GL VYLOXSSR GL VVHDWRVL H GL FLUURVL HSDWL
YHUD H SURSULD HPHUJHQJD \$ TXHVWR VL DJJLXQJH TXHOOD FKH L FOLQLFL
PLOOHQQLRÐ OD VVHDWRVL HSDWLFD QRQ DOFROLFD FH OÍKD XQD SHUVRQ
FDXVD GL FDWWLYL VWLOL GL YLWD 'L IURQWH D TXHVWR TXDGUR OD SULRU
ULVFKLR H ULYHGHUH L SLDQL QDJLRQDOL GL SUHYHQJLRQH

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUHVHQWDQR XQÍHPHUJHQJD HSLC
QDJLRQDOL MDOLD OH SHUVRQH FROSLWH GD FLUURVL HSDWLFD VRQR PLOD
QHOOD SRSRODJLRQDOLWGL IDUPDFL DQWL +&9 KD SURGRWW
FRQ PDODWWLDFHSDWLFD PLOWR GD IDUH SHU IDU HPHUJHQJLWVSDWLFD
QRQ^a VROR +&9 SRLFK« HPHUJRQR PROWH DOWUH FDXVH TXDOL PDODWWL
PRQLWRUDJJLR SRVVRQR HYROYHUH D FLUURVL FDQFUR HSDWLFR H ILQR
VLJQLILFDWLYD VXOOÍRUJDQLJJDJLRQH VRFLR DVVLVWHQJLDOH H VXOOÍLPSI
UHJLRQDOL

\$OOD OXFH GHOOH ULVRUVH LQ DUULYR GDO 3155 FRPH GRYU ULRUJDQLJ
TXHVWD H DG DOWUHGRPODFRLO VSRQVRULJJDJLRQH QRQ FRQGLJLRQDQWI
,QWHUFHSW 3KDUPDFHXWLFDOV KD SURPRVYR&206ZHELODUS&DOWLWFOR Ì
,)(*\$72 Ê /Í(92/8=,21('(/(&\$86(', &,5526, '\$/Í+&9 \$/Í\$%862 ', Ð/ &22/ \$/Í\$

/XFD 0LHQW LJHQWH 0HGLFR 82& 0HGLFLQD ,QWHUQD H GHO 7UDSLDQWR GL)
LO SXQWR VXOOD FLUURVL HSDWLFD QHO QRVWR SDHVH H KD GHVFULWWR
Í6HFRQGR GDWL GHLSBBLVLRQH DQQL SRWUHPPR DYHUH XQ ULVFKLR GL L
FLUURVL ROWUH FKH GL HSDWRFDUFLQRPD H&SVDPSBWLDPHDDUHD ,OD&RYLE
ULIOHWWHUH VXOOD QHFHVVLW; GL ULRUJDQLJDUH WXWWRLOHIOXVMFDFH S
SUHFRFHPHQWHHLFRQJHWRGLFKH QRQELYDPVLYD QRFHWWHLW; GL DYHUH GHI
H VLFXUL VXOOD VVHDWRVL HSDWLFD QRQ DOFROLFD XQD QXRYD HPHUJH
,O SDJLHQWH FLUURWLFER^a XQ SDJLHQWHWWLWHPDPRQLVPHQJLQDFRQWUR D
YDUL PRWLYL SHU FXL XQD FRQGLJLRQH FURQLFD DEEDVWDQJD FRPSHQVDWD
FRQGLJLRQH GL VFRPSHQVR HSDWLFR FKH SX³ HVVHUH SUHFLSLWDWR GD HYH
FRPH OH LQIHJLRQL R LO VDQJXLQDPHQWR JDVWURLQWHVWLQDOH TXDQGR VL
VFRPSHQVDWD LO ULVFKLR GL PRUWDLW; ÉKO DJJLXQWR RERBOKLWQSRUGFC
VL © ULGRWWD QHOODUHD GHO 0HGLWHUUDQHR PD FL VRQR DOFXQH JQRH GR
QRQ WUDVFXUDELOH \$QFKH OÉHSLGHPLRORJLD GHL SDJLHQWL FKH YDQQR DO

163930

KDQQR XQD HSDWRSWLD DOFROLFD R PHWDEROLFD H PROWR PHQR SDJLHQWI

6HFRGDDYDWRUH3BHRWWDV RUH \$VVRFLDWR LQ *DVWURHQWHURORJLDD3ROLF
VWHDWRVL HSDWLFQD QRQ DOFROLFD a XQD SDQGHPLD î8QD RRDDWWRWLDX GKD
VWHDWRVL HSDWLFQD QRQ DOFROLFD LO GHJOL REHVL H GHV GLDEHWLFL K
OHJDWR D FDWWLYL GL VWLQD GL YLWD 'REELDPD DJLUH VXOOD SUHYHQJLRQ
SRSRODJLRQH JHQHUDOH H LO GHV GLDEHWLFL VYLOXSSDQR XQ GDQQR HSI
RELHWWLWRLCFHWWDUH QHOODPELWR GHOOD PHGLFLQD JHQHUDOH H GHOC
LQVHULUH LQ SURJUDPPDL GL3MUHWDQWR HDQQRDFZKSWH UHWL FKH PHWWRQI
FRQ LO FHQWUR H VYLOXSSLQR GHV SHUFUUVL GLDJQRVWLFV WHUDSHXWLFV G
TXHVWD SDWRORJLD SHUWDQWR YDQQR FRVWUXLWL VLD XQD LGHQWLWj D OL'

*LDQQL 7HVWLRWRUH 6& 3DWRORJLD GHOOH 'LSHQGHQJH HG (SDWRORJLD :
3UHVLGHQWH 1DJLRQDOH 6RFLHWç ,WDOLDQD GVVDFRDELODDUSVWRORWHDç
HSDWLFSDJLHQWL H OH ORUR IDPLJOLH WHQGRQR D QDVFRQGHUH LO SUREOHI
XQD SDUWH QRQ SHUPHWWH GL LQWHUFHWWDUOL GDOODDOWUD VL ULGXFRQ
VROR DEELDPD XQD ULGRWWD GLDJQRVL GL FLUURVL HSDWLFQD LQ IDVH SUHF
HSDWRFDUFLQRPD LQ IDVH DQFRUD FXUDELOH /D SUHYHQJLRQH SULPDULD ©

/İDOFRQD GHOOH FDXVH GL VYLOXSSR GHOOD FLUURVL HSDWLFQD ,O SUREC
QHJOL XOWLPL DQQL OD IDVFLD GHV JLRYDQL a SHVDQWHPHLOWRQFRRLQPYLRODW
VRWWR L DQQL H VRQR FRQVLGHUDWL FRQVXPDWRL D ULVFKLR
î,Q ,WDOLD FLUFD LO GL WXWWH OH FLUURVL HSDWLFKH © GL RULJLQH DOI
© OHJDWR D PDVFKL H GRQQH VHFRRQR L GÉVKD GVSQEPIDWWRWVXWFFBXSMBL RUH
'LUHWWRUH 2VVHUYDWRLR 1DJLRQDWRWSDOFRORQR(6PLÉLFG L FRQVXPDWRI
PLOLRQL VRQR L FRQVXPDWRL D ULVFKLR PLOLRQL GL JLRYDQL H PL
ELQJH GULQNLQJ FLUFD PLOLRQH WUD L JLRYDQL JOL İKHDY\ GULQNHUVİ E
GDQQRVD SHU OD VDOXWH VRQR FLUFD PLOD GL FXL VROR LOVHVVRQRFSUHV
FKH QRQ ULHVFH DG LQWHUFHWWDUH LO GL WXWWL FLQRRWRUFGHL VRQR I
WXWWL L FDVL GL FDQFUR GHO IHJDWR ©DWRDQRDDDİHXWR GLYHQVRLRGLHD
WDUJHW GL HWj H GL JHQHUH DWWDYHUVR OD SUHYHQJLRQH XQLYHUVDOH H
SURJUDPPDJLRQH H GHOSDUSUHYHQJLRQDGL SUHYHQJLRQH GHYRQR HVVHU
3LDQR QDJLRQDOHİDOFRO H VDOXWH

&RUUHODWL



) !4 5-
) , !+ / ! . ! ! . -) !4

5-. ! 5-.4 ! 5-. 9 ! -) 4 ! , / ,

/. !, €•• / !-€€€€5 , / . / !' ! 75!! . !!) , . -5 . . --! ,

! -) , --

Y G g M G Z v : . : X C \ X . G . Y :
C : k h G . d g O Z C O d : X O . E (
G d : j O C : • . . C X O Z O C O ' .
Z : v O \ Z : X O . E O . d g G p G Z
E O : M Z \ h j O C O . j G g : d G k

3267(' % 5('\$ = , 21(: (% * , 8 * 12

6HJXL OD 3DJLQD &RQGL'

1HL SURVVLPL DQQL VL VWLPD XQ LQFUHPHC
HSDWRFDUFLQRPD H GL PRUWL OHJDWH D FDXV

*.8*12
khOWK·CGX
ZGX·jgGZjGZ
Y\gjG

5RPD JLXJQIRHFFHVVLJR FRQVXPR GL DOFRO
SRSRODJLRQH LWDOLDQD H OH PDODWWLH PH
SULQFLSDOL GL VYLOXSSR GL VWHDWRVL H GL
HVSHUWL SDUODQR GL XQD YHUD H SURSULD H
TXHOOD FKH L FOLQLFL GHILQLVFRQR OD İPDO
VWHDWRVL HSDWLFD QRQ DOFROLFD FH OİKD
H GH LGLDEHWLFL D FDXVD GL FDWWLYL VWLC
SULRULWçª LGHQWLILFDUH SUHFRFHPHQWH L
QDJLRQDOL GL SUHYHQJLRQH

*.8*12
./, - !, - . , . .
ZC\Zjg\·dGg
EGX·jkgOhY\

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUH\
FOLQLFD D OLYHOOR P, Q, W, D, O, H, D, H, O, G, D, S, H, R, Q, V, R, Q, H
HSDWLFD VRQR PLOD FDVL FRQ XQ WDVVR G
SRSRODJLRQH/ D, B, W, D, S, R, H, Q, L, E, L, O, L, W, ç, GL IDUPDFL DC
QXRYL SHU L SDJLHQWL FRQİª P, D, Q, D, R, W, L, D, R, H, O, S, W, R, V, E
HPHUJHUH LO V, R, P, P, I, D, O, R, W, L, D, HSDWLFD LQROW
HPHUJRQR PROWH DOWUH FDXVH TXDOL PDODW

*.8*12
\Zkh· rd\gj·

*.8*12
\X\gh·\L·GY\

GL PRQLWRUDJJLR SRVVRQR HYROYHUH D FLUU IHJDWR LQFLGHQGR LQ PDQLHUD VLJQLILFDWL DVVLVWHQJLDLDOH H VXOOILPSDWWR HFRQRPLFR UHJLRQDOL

*.8*12
kg\dG· OGG
Z\pOj>·EGX·4
€~€€

\$OOD OXFH GHOOH ULVRUVH LQ DUULYR GDO 3 DVVLVWHQJLDLDOH" 3HU ULVSRQGHUOROVREMHV6DDEI OD VSRQVRULJJD]LRQH QRQ FRQGLJLRQDQWH GL 3KDUPDFHXWLFDOV KD SURPRV,VR(5&Z562L\$DU 267\$&2/, '(/ 0\$/\$72 ',)(*\$72 Ê /í(92/8=,21('(/(& &,5526, '\$//í+&9 \$//í\$%862 ', \$/&22/ \$0/\$ 1\$6+

*.8*12
) ,,'.) ,. . . ° °.)! !.)
. ,9 , !. . , .!

/XFD 0LH'DULJHQWH 0HGLFR 82& 0HGLFLQD ,QW 3ROLFOLQLFR *HPOOL 5RPD KD IDWWR LO SXQ H KD GHVFULWWR LO SDJLHQWH FLUURWLFER

*.8*12
-!-. / '.-
) ,! ! . , -

Ñ6HFRQGR GDWL GHLSSURMMLRQH DQQL SRWUH ULVFKLR GL LQFUHPPHQR GL FLUFD LO GL HSDWRFDUFLQRPD H GL PRUWL O&RDVHSBVFLLXV &RYLG FL KD IDWWR ULIOHWWHUH VXOOD QHFH SDJLHQWH DOOILQWHUQR GHOORMSHFDDUH SFUHU VRJJHMWRQ PHWRGLFKH QRQ EELQDPRL YH QRRE V GHIL IDUPDFL HIILDFDL H VLFXUL VXOOD VWHDM HPHUJHQJD

2WWLHQL XQD UHQGLWRB
%LWVJDS

,O SDJLHQWH FLUURWLFER a XQ SDJLHQWHCHHWUWU IDFLOPHQWH LQFRQWUR D RVSHGDOLJJD]LRQL FURQLFD DEEDVWDQJD FRPSHQVDWD SX' DQGD FRQGLJLRQH GL VFRPSHQVR HSDWLFER FKH SX' SRVVRQR HVVHUH DQFKH SRWHQJLDOPHQWH OH VDQJXLQDPHQR JDVWURLQWHVWLQDOH TXDQ QHOOD IDVH GL FLUURVL VFRPSHQVDWD LO ULV GDOOIHVHQWR í KD DJJLXQWR 0LHOH /D PRU GHO 0HGLWHUUDQHR PD FL VRQR DOFXQH JRQH FLUURVL UHVWD XQ SUREOHPD QRQ WUDVFXUD FKH YDQQR DO WUDSLDQWR a FDPELDWD FL VR HSDWRSDWLD DOFROLFD R PHWDEROLFD H PRO QXRYH WHUDSLH0

*.8*12
. \hC:Z:' O:Z
h:ZMkG-:jj\E
h\dg:jjkjj\OZ

6HFRQBYDWRUHBRMWRUH \$VVRFLDWR LQ *D' Ñ3DROR *LDFFRQID VYDCHWVRL HSDWLFER QRQ [a OD PDODWULD GL IHJDVFRQVHROJPHVORH QQLRQD QRQ DOFROLFD LO GHJOLREHVL H GHL GLD DOFROLFD WXWWR TXHVWR a OHJDWR D FDWWL SUHYHQJLRQH LQ DPELWR VFRODVWLFER H ODYR JHQHUDOH H LO GHL GLDEHWLFL VYLOXSSDC FRPSOLFDDQH TXLQGL LDQQRHUFURVWBUHWQWLOQI PHGLFLQD JHQHUDOH H GHOOH FOLQLFKH GLDI LQVHULUH LQ SURJUDPPDL GL 3WHUWDSQV RHYRQC FKH PHWWRQR LQ FRPXQLFDJLRQH OD SHULIHU SHUFRUVL GLDJQRVWLFER WHUDSHXWLFER GL IDF /(\$ SHU TXHVWD SDWRORJLD SHUWDQWR YDQQF LVWLWXJLRQL SDJLHQWL H VSHFLDOLVWL VLD

*.8*12
fh'· \ZjG-- \
Y\pOYGZj\—·
ZGX·ZkYGg\
d:gX:YGZj:gC

*LDQQL 7HVWUWRUH 6& 3DWRORJLD GHOOH ' 2VSHGDOH 6DQ 0DUWLQR *HQRYD í 3UHVLGHQV

*.8*12
.OZpGhjG·
j:B:CC\Oj:Xí
-.Ggg:pGZjkG

*.8*12
,\BGgj\· X\gG
- °:hC\Xj\OZ
:jg:pGgh\X°
gGhOjGgG·:
h\COGj>@

163930

\$OFRORJLD 3UHVLGHQWMBJPKDHSODDSWRFR
SDJLHQWL H OH ORUR IDPLJOLH WHQGRQR D QI
YHUJRJQDQR D SDUODUQH H TXHVWR GD XQD
GDOOİDOWUD VL ULGXFRQR OH SRVLELELWç G
VROR DEELDPR XQD ULGRWWD GLDJQRVL GL FL
XQD IRUWH ULGXJLRQH GL FDVL GL HSDWRFDUF
SUHYHQJLRQH SULPDULD a IRQGDPHQWDOH OD

*.8*12
\gj:.X:.d\Gj(
) :jgOvO: . :p:
:ZZO

/İDOFRQD GHOOH FDXVH GL VYLOXSSR GHOO
GHOOİDYLLFLQDPHQWR DOOİDOFRO a FDPELD
SHVDQWHPHQWH FRLQYROWD H LOPLOXPHQR
VRWR L DQQL H VRQR FRQVLGHUDWL FRQV.

*.8*12
OgGZvG'.jkg
kd\X: .EO. gk
Yk\gG

Ñ,Q ,WDOLD FLUFD LO GL WXWWH OH FLUUR
GL WXWWH OH FLUURVL HSDWLFKH H TXDVL
VHFRQGR L GDWL GHOOİ,VWLWXWR 6X\$PİQXHLH
6FDIDWRJHWRUH 2VVHUYDWRULR 1DJLRQDOH \$
PLOLRQL L FRQVXPDRUL GL DOFRO LQ ,WDOL
ULVFKLR PLOLRQL GL JLRYDQL H PLOLRQH
XEULDFKL GD ELQJH GULQNLQJ FLUFD PLOLR
EHLWRUL SHVDQWL FKH FRQVXPDRQR XQD TXD
VRQR FLUFD PLOD GL FXL VROR LO VRQR S
QDJLRQVHJLJLR FKH QRQ ULHVFH DG LQWHUFH
VRQR LQ QHFHVVLWç GL WUDWWDPHQWR LQR
GHO IHJDWR a OHJDWR DOOİX%LRVJDDQBJVRB LVİ
ULVFKLR VXL GLYHUVL WDUJHW GL HWç H GL
H TXHOOD DG DWR ULVFKLR FROPDQGR L PRO
SUHYHQJLRQH QDJLRQDOL GL SUHYHQJLRQH C
ELVRJQD ULIDUH XQ 3LDQR QDJLRQDOH DOFRO

*.8*12
O. \ZEO:XO.
EGXKEG'. :ZI
ZGO.€~~~g:Z

8IILFLR VWDPSD 0RWRUH 6DQLWç

FRPXQLFDJLRQH#PRWRUHVDQLWD LW

/LOLDQD & DUBFOCH

0DUFR %LİRQGO

ZZZ PRWRUHVDQLWD LW

4GEO.:ZCNG'

Three empty rectangular boxes for data entry.

One empty rectangular box for data entry.



u ŒP vî o }o u o šš] u š }o] Z µ• %o(
%o š] X / o]v]]W ^

~ v|Œ}v}•• r E] %oŒ}••]u] îi vv] •] •š]u µv]v Œ u vš}]]Œ
o P š µ• Œuš]UZîXP]µPv} îîîX>- ••]À} }v•µu}] o }oU]v Œ
u o šš] u š }o] Z •}v} µv oo µ• %oŒ]v]%o o]] •À]oµ%o%o}]
•%o Œš] %o Œo v}] µv À Œ %oŒ}%oŒ] u ŒP vî X (µ•š} •] P
(P š} o u]oo vv]}2U o •š š}•] %o š] v}v o }o] W o-Z µv
µ•] šš]À] •š]o]] À]š X] (Œ}vš (µ•š} (µ Œ} o %oŒ] }Œ]
Œ]À Œ] %o] v] v î]}v o] u] Œ]À vŒ]}w] X o (P š} Œ %o%oŒ • vš v
o]v] o]À oo} u]v] o v î]}v o X /v /š o] o %o Œ•}v }o%o]š
%oŒ À o vî oo} iUî9 v oo %o}%o}o î]}v šš o X >]•%o}v]]o]š]
%o î] vš] }v u o šš] %o š] U u - v }Œ u }oš} (Œ %o Œ (Œ u
v}v •}o} , sU %o}] Z u ŒP}v} u }oš ošŒ µ• (µ o] u o šš] u š]
%o}••}v} À}oÀ Œ]ŒŒ}•]U v Œ} %o š] } (]v} o šŒ %o]
•µoo-}ŒP v]îî î]}v •}]}r ••]•š vî] o •µoo-]u%o šš} }v}u] } P•Œ]}
oo Œ]•}Œ•]v ŒŒ]À} o WEZZU }u }ÀŒ Œ] }ŒP v]îî Œ•] o
}u v D}š}Œ ^ v]š U }v o •%o}v•}Œ]îî î]}v v}v }v]î]}v vš]
%oŒ}u}••}]o Á]v Œµ o Dš]}o}d]}W]Œ]PXvš D] } hK D]]v /vš
W}o] o]v] } ' u oo] Z}u Z (šš}]o %oµvš} •µoo]ŒŒ}•] %o š] v
2^ }v } š]] %oŒ]]î]}v U v] %oŒ}••]u] îi vv] %o}šŒ uu} À Œ µ
}ošŒ Z] %o š] Œ]v}u] u}Œš] o P š µ• %o š] Z X }• %o
v ••]š] Œ] }ŒP v]îî Œ šµšš}]o (oµ••} o %o î] vš oo-]vš Œv}
•}PP šš] }v u š]] Z v}v]vÀ •]À X /v}ošŒ] u } o v ••]š] ,
%o š] v}v o }o] U µv v]µ}Àoo îµ ŒŒP v]ŒŒŒ}š] } µv %o î] vš •š
(]ou vš]v }všŒ} }•%o o]îî î]}v]U %o Œ À Œ] u }š]À]U %o Œ µ]
v Œ]v }všŒ} v o š u%o} v Z µv }v]î]}v] • }u%o v•} %o š]
%o}••}v} •• Œ v Z %o}š vî] ou vš o š o]U }u o]v(î]}v] }]o
À Œ] (] v} (µ•š] À vš]] •] šŒ}À v oo (•]]ŒŒ}•] • }u%o v•
oo- À vš} 2 Z PP]µvš} D] o rX > u}Œš o]š %o Œ]ŒŒ}•] •] Œ]
}À]v Œ u vš š U %o Œš vš} o]ŒŒ}•] Œ •š µv %oŒ} o u v}v š
À vv} o šŒ %o] vš} u] š W] •}v} u }oš] %o]Œ] %o î] vš] Z Z vv
u v } %o î] vš] }v %o š]š PŒ îŒ }o} ^v µ}À š}ŒŒŒW%o}šš2Œ WŒ
' •šŒ} vš Œ}o}P] U W}o] o]v] } 2W }o} '] }v 2U W o Œu}U o •š š
] (P š} o u]oo vv]}X 2hv •}PP šš} •µ Œ Z •š š}•] %o š] v}v o
•š š}•] %o š] v}v o }o] U šµšš} (µ•š} o P š šš]À]] •š]o]
• }o •š] } o À}Œ š]À}X ^}o} o-îrî9 oo %o}%o}o î]}v P v Œ o
• À Œ}U Œ]• Z]}] }u%o o] vî U (µ]v]]o v}•šŒ} }] šš]À}]vš Œ
o]v] Z] š}o}P] Z (µ•š} •}PP šš]]v• Œ]Œ]v %oŒ}PŒ uu]] š
u šš}v}]v }uµv] î]}v o %o Œ] (Œ] }v]o všŒ} •À]oµ%o%o]v}]
/v}ošŒ }PP] v}v •]•š}v}] > %o Œ (µ•š %o š}o}P] %o Œš
]•š]šµî]}v]U %o î] vš] •%o]'p]vš]}U •š]v}U%o]Œ šŒŒŒ2X^ W š}o}P]
^>î r K•%o o ^ v D Œš]v}U ' v}À r WŒ •] vš E î]}v o ^]] š /š
•š]Pu oo %o š}o}P] %o š] X 2/ %o î] vš] o o}Œ} (u]Po] š v }v
%o Œo Œv (µ•š}U µv %o Œš U v}v %o Œu šš]]vš Œ šš Œo
%oŒ }] •]X Yµ]v] v}v •}o}] u } µv Œ] }šš] Pv}•]]]ŒŒ
Œ] µî]}v] •]] %o š} Œ]v}u]v (• v }Œ µŒ]o X > %oŒ À
P v]š]Œ] Œ-•oµ}o 2Xµv oo µ•] •À]oµ%o%o} oo]ŒŒ}•] %o š]
u] š} v Po] µoš]u] vv]U o (•]] P]}À v] %o • vš u vš }]v
òiiu]o •}šš}] îô vv] •}v} }v•] Œ š]/v}Œ µu] š]ŒŒ]Œ]ò]z9]}X šµšš
}Œ]P]v o }o] V (µ•]]o ói9] šµšš o]ŒŒ}•] %o š] Z (µ•

163930

oo-/.š]šμš} ^μ%o CE]}CE oo ^ v]š 2 Z •%o] P š} u vμ o ^ (š}U
rX /v š}š o •}v} ĩòu]o]}v]] }v•μu š}CE]] o }o]v /š o]] μ] ôUò
P]}À v] í u]o]}v] u]v}CE]•V] •}v}]CE ð u]o]}v]] μ CE] Z]
2Z ÀÇ CE]v] CE•2U À]š}CE] %o • vš]U Z }v•μu v} μv <μ vš]š]
•}o}]o ó9 •}v} %oCE •]]v CE] } o • CEÀ]ì]} • v]š CE]} v ì]}v o U •
}o}CE} Z •}v}]v v ••]š] šCE šš u vš}V]v}ošCE]o ñi9] šμšš]]
o }oX]•}Pv P]CE •μ]À CE] o]À oo]] CE]• Z]}U •μ]]À CE] š CEP
<μ oo oš} CE]• Z]} }ou v }] u}oš] P %o oo %oCE}PCE uu ì]}v
À}v} •• CE CE]À]•š]U]•}Pv CE](CE μvhW(]] ŷ} vš]ìψ}w oD}
}uμv] ì]}v ›u}š}CE •>v]š]Xŷš CE }v r o oDX CEð ð îϕ}ðvî í] ðr oo)
ÁÁÁXu}š}CE • v]š X]š

+20(\$778\$/7, 32/,7,&\$,1&+,(67\$ &8/785(/í,17(59,67\$/í(52(63257 *\$/(5<

&\$))(77(5,\$ 48(67\$ Š /\$ 67\$037&12/2*,\$ 675\$&8/7 /,%5, 3(5621\$**,2 '(/ *,2512

8/7,0\$ 127,=\$

> *LXJQR 'DO@XQLRQH GL WUH 0DHVWUL *HODW

&(5&\$ Ó

+20(ö \$778\$/7,6 (PHUJHQJD DOFRO H PDODWWLH PHWDEROLI
FLUURVL HSDWLFD

&(5&\$ Ó

(PHUJHQJD DOFRO H PDOI
PHWDEROLFKH FDXVH SUI
VWHDWRVL H FLUURVL HŠ

*LXJQR

\$WWXDOLWç

/HFFHVVLVYR FRQVXPR GL DOFRO LQ FUHVFLWD
PDODWWLH PHWDEROLFKH VRQR XQD GHOOH I
VWHDWRVL H GL FLUURVL HSDWLFD 1HO QRVWU
YHUD H SURSULD HPHUJHQJD \$ TXHVWR VL C
GHILQLVFRQR OD ³PDODWWLD GL IHJDWR GHO PL
DOFROLFD FH OIKD XQD SHUVRQD VX H LO
FDXVD GL FDWWLYL VWLLOL GL YLWD 'L IURQ
LGHQWLILFDUH SUHFRFHPHQWH L VRJJHWV
QDJLRQDOL GL SUHYHQJLRQH

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUHVHQ'
OLYHOOR PRQGLD,QH, W D O I D R O H S H U V R Q H F R O S
VRQR PLOD FDVL FRQ XQ WDVVR GL S

SRSRODJLRQH / V R G W L V S R Q L E L O L W j G L I D U P D F L D
QXRYL SHU L SDJLHQWL FRQJ @ D D O O F V R W D D P H R S D W R L R
HPHUJHUH LO VR P P H P U V O R D W W L D H S D W L F D L Q R
HPHUJRQR PROWH DOWUH FDXVH TXDOL PDODV
PRQLWRUDJJLR SRVVRQR HYROYHUH D FLUURVL
LQFLGHQGR LQ PDQLHUD VLJQLILFDWLYD VXOO T R U
HFRQRPLFR JHVWLRQDOH GH L Y D U L V L V W H P L V D Q L
\$ O O D O X F H G H O O H U L V R U V H L Q D U U L Y R G D O
D V V L V W H Q J L D O H " 3 H U U L V S R Q G H U H R D W R X H V M D B H
V S R Q V R U L J J D J L R Q H Q R Q F R Q G L J L R Q D Q W
3 K D U P D F H X W L F D O V K D S U R P R V V R L O Z H E & Q D S U
2 6 7 \$ & 2 / , ' (/ 0 \$ / \$ 7 2 ' ,) (* \$ 7 2 ± / ¶ (9 2 / 8 = , 2 1
' , & , 5 5 2 6 , '\$ // ¶ + & 9 \$ // ¶ \$ % 8 6 2 ' , \$ / & 2 2 / \$ / .

VllirQjI<É<É Q^r<\\<É5Qxx<EE<i^ÉIÉ

/ X F D 0 L H Q H U L J H Q W H 0 H G L F R 8 2 & 0 H G L F L Q D , Q V
3 R O L F O L Q L F R * H P H O O L 5 R P D K D I D W W R L O S X Q W
G H V F U L W W R L O S D J L H Q W H F L U U R W L F R
3 6 H F R Q G R G D W L Q H L S S E R W J L R P L H D Q Q L S R W U H P P
G L L Q F U H P H Q W R G L F L U F D L O G L F L U U R V L R C
P R U W L O H J D W H D F D X & R V B S D R W L V L K H P R I D U H " , O & R
V X O O D Q H F H V V L W j G L U L R U J D Q L J J D U H W X W W R L
F H U F D Q G G R H Q W L I L F D U H S U H F R F H P H C F V R Q L P M R V R
L Q Y D V L Y H D E C R O W R I D D Q H F H V V L W j G L D Y H U H G H L
V X O O D V W H D W R V L H S D W L F D Q R Q D O F R O L F D X Q D
, O S D J L H Q W H F L U U R W L F R q X Q S D J L H Q W Q H I D W
I D F L O P H Q W H L Q F R Q W U R D R V S H G D O L J J D J L R Q L
F U R Q L F D D E E D V W D Q J D F R P S H Q V D W D S X z D Q G
F R Q G L J L R Q H G L V F R P S H Q V R H S D W L F R F K H S X z F
H V V H U H D Q F K H S R W H Q J L D O P H Q W H O H W D O L
J D V W U R L Q W H V W L Q D O H T X D Q G R V L Y H U L I L F D Q R T
V F R P S H Q V D W D L O U L V F K L R G L P R U W D O L W j G H
D J J L X Q W R / O L F R W D O L W j S H U F L U U R V L V L q U L G R V
V R Q R D O F X Q H J R Q H G R Y H q L Q F U H P H Q W D W D S F
W U D V F X U D E L O H \$ Q F K H O μ H S L G H P L R O R J L D G H L S
F L V R Q R P R O W L S L • S D J L H Q W L F K H K D Q Q R X Q D
P H Q R S D J L H Q W L F R Q H S D W L W H & J U D J L H D O O H Q X

6 H F R Q C R O Y D W R U H 3 S R W W W D R U H \$ V V R F L D W R L Q * C
3 3 D R O R * L D F F R Q E D Y D O H D U P R V L H S D W L F D Q R Q D O F
O D P D O D W W L D G L I H J D W R Q G V H F O J P H L O W R Q Q L R K D V
D O F R O L F D L O G H J O L R E H V L H G H L G L D E H W L F L
T X H V W R q O H J D W R D F D W W L Y L G L V W L O L G L Y L W
V F R O D V W L F R H O D Y R U D W L Y R 6 R O R O ¶ G H O O C
V Y L O X S S D Q R X Q G D Q Q R H S D W L F R V H Y H U R D
R E L H W W Q W R H q F H W W D U H Q H O O ¶ D P E L W R G H O O
F O L Q L F K H G L D E H W R O R J L F K H T X H V W L V R J J H W V
W H U D S L D H I R G E B W X S W R Y D Q Q R F U H D W H U H W L
S H U L I H U L D F R Q L O F H Q W U R H V Y L O X S S L Q R G H
U H I H U D O O , Q R O W U H D G R J J L Q R Q H V L V W R Q R G F
F R V W U X L W L V L D X Q D L G H Q W L W j D O L Y H O O R G L L V

* L D Q Q L 7 H V W U G R W R U H 6 & 3 D W R O R J L D G H O O H
2 V S H G D O H 6 D Q 0 D U W L Q R * H Q R Y D ± 3 U H V L G H Q W
3 U H V L G H Q W H 6 , \$ V W L S P D C E H V O R C L S D W R O S D J D H Q S V
I D P L J O L H W H Q G R Q R D Q D V F R Q G H U H L O S U R E C

TXHVWR GD XQD SDUWH QRQ SHUPHWWH GL LQWF
GL XQD GLDJQRVL SUHFRFH GHF FDVL 4XLQGL C
FLUURVL HSDWLFDF LQ IDVH SUHFRFH PD
HSDWRFDFLQRPD LQ IDVH DQFRUD FXUDELQH /D
FKLDYH VRQR L JHQLWRUL H OD VFXROD'

/DOFROXQD GHOOH FDXVH GL VYLOXSSR
GHOOYDYLLFLQDPHQWR DOOYDOFRO q FDPELD
SHVDQWHPHQWH FRLQYROWD H LLOXROUR VWLOD
DQQL H VRQR FRQVLGHUDWL FRQVXPDWL D ULV
3,Q ,WDOLD FLUFD LO GL WXWWH OH FLUURVL
WXWWH OH FLUURVL HSDWLFKH H TXDVL LO
GHOOY,VWLWXWR 6XS+KDR VSLGHOOH GDFWLDW
2VVHUYDWRULR 1DJLRQDOH,DOFRODCH63R,66PLC
GL DOFRO LQ ,WDOLD GL FXL PLOLRQL VRQR L F
PLOLRQH GL PLQRUL FL VRQR FLUFD PLOLR
PLOLRQH WUD L JLRYDQL JOL 3KHDY\ GULQNH
TXDQWLWj GL DOFRO GDQQRVD SHU OD VDOXWH V
LQ FDULFR GDO VHUYLJLRVHUYLW D BLRKH DLR
LQWHUFHWWDUH LO GL WXWWL FRORUR FKH
LQRQWH GL WXWWL L FDVL GL FDQFUR GHO IH
GL DOFROVRJQD DJLUH VX GLYHUVL OLYHOOL C
JHQHUH DWUDYHUVR OD SUHYHQJLRQH XQLYHUV
JDS GHOD SURJUDPPDJLRQH,HSQDQDQSDUH
SUHYHQJLRQH GHYRQR HVVHUH ULYLVWL ELVR
DOFRO H VDOXWH

6WDPSD

5 \$778\$/.7, &21752//.
(0(5*(1=\$ \$/&2/ (0\$/\$77,(0(7\$%2/,&+(&\$86(35,1&,3\$/ , ' , 67(\$726
(3\$7,&\$

0(',&,1\$ 6\$/87(6\$1,7, 6/,'(

n 35(&'(17(68&&(66,d
0HQVH SHU VIROODW /\$ '(02&5\$=,\$ 3\$57(&,
VRVWHJQR GHF FRPL 6,&,/'\$//í,03\$772 '(
3URJHWWR \$UFD H)F (/ (=,21, \$00,1,675\$
OLODQR &2081, 3, 9(/2&, (\$
5,7\$5'\$7\$5, &26\$ Š €
1(, 35,0, 6(, 0(6, '

\$57,&2/, &255(/\$7,



/ , 7 \$ / , \$ ' (/ \$ (6 7 (5 , / ,) (0 (' , \$, 1 7 (5 9 , 6 7 (((0 2 7 , 6 2 4 1 6 2 6 , \$ 0 2



(PHUJHQJD DOFRO H PDODWWL
PHWDEROLFKH FDXVH SULQFL
VWHDWRVL H FLUURVL HSDWL
6 HUYH ULYHGHUH L SLDQL QI
SUHYHQJLRQH H FUHDUH SHUF
GLDJQRVWFL WHUDSHXWFL
ULQYLR¥

* , 8 * 1 2

\$ GQNURQRV ¢ 1HL SURVVLPL DQQL VL VWLPD XQ LQFUHPPHQW
GL FLUURVL GL HSDWRFDUFLQRPD H GL PRUWL OHJDWH D
HSDWLFKH

5RPD JLXJQR /\$HFFHVVLJR FRQVXPR GL DOFRO LQ FUHVFLWD
SRSRODJLRQH LWDOLDQD H OH PDODWWLH PHWDEROLFKH VRQR XQD
GL VYLOXSSR GL VWHDWRVL H GL FLUURVL HSDWLFD 1HO QRVWUR 3I
GL XQD YHUD H SURSULD HPHUJHQJD \$ TXHVWR VL DJJLXQJH TXHOOD
GHILQLVFRQR OD ¢PDODWWLD GL IHJDWR GHO PLOOHQQLR¥ OD VWHE
DOFROLFD FH O\$KD XQD SHUVRQD VX H LO GHJOL REHVL H GHL
GL FDWWLYL VWLQD GL YLWD 'L IURQWH D TXHVWR TXDGUR OD SULR
SUHFRFHPHQWH L VRJJHWL D ULVFKLR H ULYHGHUH L SLDQL QDJLRQ

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUHVHQWDQR XQ\$HPUJHQ
FOLQLFD D OLYHOOR PRQGLDOH H QDJLRQDOH ,Q ,WDOLD OH SHUVRQ
HSDWLFD VRQR PLOD FDVL FRQ XQ WDVVR GL SUHYDOHQJD GHOOR
SRSRODJLRQH WRWDOH /D GLVSRQLELOLWj GL IDUPDFL DQWL +&9 KD
QXRYL SHU L SDJLHQWL FRQ PDODWWLD HSDWLFD PD F\$q DQFRUD PR
HPUJHUH LO VRPPHUVR /D PDODWWLD HSDWLFD LQROWUH QRQ q V

163930

HPHUJRQR PROWH DOWUH FDXVH TXDOL PDODWWLH PHWDEROLFKH H
GL PRQLWRUDJJLR SRVVRQR HYROYHUH D FLUURVL FDQFUR HSDWLF
GL IHJDWR LQFLGHQGR LQ PDQLHUD VLJQLILFDWLYD VXOO\$RUJDQLJ]
DVVLVWHQJLDOH H VXOO\$LPDWWR HFRQRPLFR JHVWLRQDOH GHY YD
UHJLRQDOL

\$OOD OXFH GHOOH ULVRUVH LQ DUULYR GDO 3155 FRPH GRYUj ULRU
DVVLVWHQJLDOH" 3HU ULVSRQGHUH D WTRUHV W D Q L W J DOWUH GRPDQGH
FRQ OD VSRQVRULJ]D]LRQH QRQ FRQGL]LRQDQWH GL \$OIDVLJPD H ,QV
3KDUPDFHXWLFDOV KD SURPRVVR(1 8 2 5 6 2 \$ QDU GDO WLWROR ¢
267\$&2/ , '(/ 0\$/\$72 ' ,) (*\$72 ¢ /\$(92/8 = , 21(' (/ ((&\$86(' ,
& , 5526 , '\$ / \$ + & 9 \$ / \$ \$ % 862 ' , \$ / & 22 / ¥ \$ / \$ 1 \$ 6 +

/XFD 0LHOH 'LULJHQWH 0HGLFR 82& 0HGLFLQD ,QWHUQD H GHO 7UDS
3ROLFOLQLFR *HPOOL 5RPD KD IDWWR LO SXQWR VXOOD FLUURVL H
H KD GHVFULWWR LO SD]LHQWH FLUURWLF

¢6HFRQGR GDWL GL SURLH]LRQH QHL SURVVLPL DQQL SRWUHPPR I
LQFUHPHQWR GL FLUFD LO GL FLUURVL ROWUH FKH GL HSDWRFDU
OHJDWH D FDXVH HSDWLFKH &RVD SRVLDPR IDUH" ,O &RYLG FL KD
VXOOD QHFHVVLWj GL ULRUJDQLJ]DUH WXWWR LO IOXVVR GHO SD]LHC
GHOO\$RVSHGDOH FHUFDQGR GL LGHQWLILFDUH SUHFRFHPHQWH L VR
PHWRGLFKH QRQ LQYDVLYH ,QROWUH DEELDPR OD QHFHVVLWj GL DY
HIILFDL H VLFXUL VXOOD VWHDWVVL HSDWLFQD QRQ DOFROLFD XQD

,O SD]LHQWH FLUURWLF q XQ SD]LHQWH HVWUHPDPHQWH IUDJLOH ¢
LQFRQWUR D RVSHGDOLJ]D]LRQL SHU YDUL PRWLYL SHU FXL XQD FR
DEEDVWDQ]D FRPSHQVDWD SXz DQGDUH LQFRQWUR QHO WHPSR DQFK
FRQGL]LRQH GL VFRPSHQVR HSDWLF FKH SXz HVVHUH SUHFLSLWDWI
SRVVRQR HVVHUH DQFKH SRWHQ]LDOPHQWH OHWDOL FRPH OH LQIHJ]
VDQJXLQDPHQWR JDVWURLQWHVWLQDOH TXDQGR VL YHULILFDQR TXI
WURYD QHOOD IDVH GL FLUURVL VFRPSHQVDWD LO ULVFKLR GL PRUW
XQ DQQR GDOO\$HYHQWR ¢ KD DJJLXQWR 0LHOH /D PRUWDOLWj SHU
QHOO\$DUHD GHO 0HGLWHUUDQHR PD FL VRQR DOFXQH]RQH GRYH q L
SHUWDQWR OD FLUURVL UHVWD XQ SUREOHPD QRQ WUDVFXUDELOH \$
GHL SD]LHQWL FKH YDQQR DO WUDSLDQWR q FDPELDWD FL VRQR PR
KDQQR XQD HSDWRSDWLD DOFROLFD R PHWDEROLFD H PROWR PHQR :
& JUD]LH DOOH QXRYH WHUDSLH¥

6HFRQGR 6DOYDWRUH 3HWWD 3URIHVVRUH \$VVRFLDWR LQ *DVWURHC
3ROLFOLQLFR ¢3DROR *LDFFRQH¥ 3DOHUPR OD VWHDWVVL HSDWLFQD
SDQGHPLD q OD PDODWWLD GL IHJDWR GHO PLOOHQQLR ¢8Q VRJJHV
HSDWLFQD QRQ DOFROLFD LO GHJOL REVL H GHL GLDEHWLFL KDQ
HSDWLFQD QRQ DOFROLFD WXWWR TXHVWR q OHJDWR D FDWWLYL GL
DJLUH VXOOD SUHYHQ]LRQH LQ DPFLWR VFRODVWLF H ODYRUDWLYR
SRSROD]LRQH JHQHUDOH H LO GHL GLDEHWLFL VYLOXSSDQR XQ GI
VHYHUR D ULVFKLR GL FRPSOLFQ]H TXLQGL LO QRVWUR RELHWWLY
QHOO\$DPFLWR GHOOD PHGLFLQD JHQHUDOH H GHOOH FOLQLFKH GLDI
VRJJHWWL GD LQVHULUH LQ SURJUDPPDL GL WHUDSLD H IROORZ XS
FUHDWH UHWL FKH PHWWRQR LQ FRPXQLFD]LRQH OD SHULIHULD FRQ
GHL SHUFRUVL GLDJQRVWLF WHUDSHXWLF GL IDFLOH UHIHUUO ,C
HVLVWRQR GHL /(\$ SHU TXHVWD SDWRORJLD SHUWDQWR YDQQR FRVW
D OLYHOOR GL LVWLWX]LRQL SD]LHQWL H VSHFLDOLVWL VLD GHL SH
*LDQQL 7HVWLQR 'LUHWWRUH 6& 3DWRORJLD GHOOH 'LSHQGHQ]H HG

163930

2VSHGDOH 6DQ 0DUWLQR *HQRYS c 3UHVLGHQWH 1DJLRQDOH 6RFLHW
\$OFRORJLD 3UHVLGHQWH 6,\$ KD SDUODWR GL VWLJPD GHOOD SDWRO
SDJLHQWL H OH ORUR IDPLJOLH WHQGRQR D QDVFRQGHUH LO SUREOF
YHUJRJQDQR D SDUODUQH H TXHVWR GD XQD SDUWH QRQ SHUPHWW
GDOO\$DOWUD VL ULGXFRQR OH SRVVLELOLWj GL XQD GLDJQRVL SUHF
VROR DEELDPR XQD ULGRWWD GLDJQRVL GL FLUURVL HSDWLFD LQ ID
XQD IRUWH ULGXJLRQH GL FDVL GL HSDWRFDUFLQRPD LQ IDVH DQFRU
SUHYHQJLRQH SULPDULD q IRQGDPHQWDOH OD FKLDYH VRQR L JHQLV

/ \$ DOFRO q XQD GHOOH FDXVH GL VYLOXSSR GHOOD FLUURVL HSDWLF
GHOO\$DYFLFLQDPHQWR DOO\$DOFRO q FDPELDWR QHJOL XOWLPL DQQ
SHVDQWHPHQWH FRLQYROWD H LO QXPHUR VWLPDWR q GL FLUFD PL
DQQL H VRQR FRQVLGHUDWL FRQVXPDWRUL D ULVFKLR

¤,Q ,WDOLD FLUFD LO GL WXWWH OH FLUURVL HSDWLFKH q GL RUL
GL WXWWH OH FLUURVL HSDWLFKH H TXDVL LO q OHJDWR D PDV
VHFRQR L GDWL GHOO\$,VWLWXWR 6XSHULRUH GHOOD 6DQLWj c KD \
6FDIDWR 'LUHWWRUH 2VVHUYDWRULR 1DJLRQDOH \$OFRO &1(636 c ,6
VRQR PLOLRQL L FRQVXPDWRUL GL DOFRO LQ ,WDOLD GL FXL PL
FRQVXPDWRUL D ULVFKLR PLOLRQL GL JLRYDQL H PLOLRQH GL F
PLOLRQL GL XEULDFKL GD ELQJH GULQNLQJ FLUFD PLOLRQH WUD
GULQNHUV¥ EHYLWRUL SHVDQWL FKH FRQVXPDQR XQD TXDQWLWj GL
OD VDOXWH VRQR FLUFD PLOD GL FXL VROR LO VRQR SUHVL LQ F
VDQLWDULR QDJLRQDOH VHUYLJLR FKH QRQ ULHVFH DG LQWHUFHWW
FKH VRQR LQ QHFHVVLWj GL WUDWWDPHQWR LQROWUH LO GL WXV
IHJDWR q OHJDWR DOO\$XVR GDQQRVR GL DOFRO %LVRJQD DJLUH VX
ULVFKLR VXL GLYHUVL WDUJHW GL HWj H GL JHQHUH DWWUDYHUVR C
XQLYHUVDOH H TXHOOD DG DOWR ULVFKLR FROPDQGR L PROWL JDS C
H GHOOD SUHYHQJLRQH , SLDQL QDJLRQDOL GL SUHYHQJLRQH GHYRQ
ELVRJQD ULIDUH XQ 3LDQR QDJLRQDOH DOFRO H VDOXWH¥

8IILFLR VWDPST 0RWRUH 6DQLWj

FRPXQLFDJLRQH#PRWRUHVDQLWD LW

/LOLDQD &DUERQH c &HOO

ODUFR %LRQGL c &HOO

[ZZZ PRWRUHVDQLWD LW](#)

>r>`S>QoSQK`r>`SppKr`>> !KppS`>>]Ko_c0>Qsp>So>Gsæ>I>

3Go>S`8SIKc c SGc "KGoc]cQSk`Qsprø8S>QQS 2so9pKGS>]9rK SFoS !t 1 \$ \$0" \$* 2

" 0\$" \$1

YGgMGZv:Æ:XC\XÆGÆY:X:jjOGÆYGj:
dgOZCOd:XOÆEOÆhjG:j\hOÆGÆCOgg\
¼-GgpGÆgOpGEGgGÆOÆdO:ZOÆZ:vO
CgG:gGÆdGgC\ghOÆEO:MZ\hjOCOÆjG
gOZpO\½

S0KI>~Sc`K† QSS †,††

1 HL SURVVLPL DQQL VL VWLPD XQ LQFUHPHQWR GL FLUFD LO GL FLUUF
HSDWRFDUFLQRPD H GL PRUWL OHJDWH D FDXVF ,6&5,9,7, \$// \$ 1(:6/(77(5

5RPD JLXJQR / HFFHVVLJR FRQVXPR GL DI LQGLUL]JR HPDL O
SRSROD]LRQH LWDOLDQD H OH PDODWWLH PHWDEROL X
VYLOXSSR GL VWHDWRVL H GL FLUURVL HSDWLFD 1HO 1sFpGo HI
YHUD H SURSULD HPHUJHQJD \$ TXHVWR VL DJJLXQJH TXHOOD FKH L FOLQLFL GHI
ÍPDODWWLD GL IHJDWR GHO PLOOHQQLRÍ OD VWHDWRVU HSDWLFD ORO DOERO LF
SHUVRQD VX H LO GHJOL REHL H GHL GLDEHWLFL)OoÆXGjjO MI
IURQWH D TXHVWR TXDGUR OD SULRULWç a LGHQWLILF
ULYHGHUH L SLDQL QD]LRQDOL GL SUHYHQ]LRQH RJ

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUHVHQWDQ
FOLQLFD D OLYHOOR PRQGLDOH H QD]LRQDOH ,Q ,WDC
VRQR PLOD FDVL FRQ XQ WDVVR GL SUHYDOHQJD GI
/D GLVSRQLELOLWç GL IDUPDFL DQWL +&9 KD SURGRWV
PDODWWLD HSDWLFD PD F a DQFRUD PROWR GD IDUH
PDODWWLD HSDWLFD LQROWUH QRQ a VROR +&9 SRLI
PDODWWLH PHWDEROLFKH H DOFRO FKH LQ DVVHQJD (
FLUURVL FDQFUR HSDWLFR H ILQR DO WUDSLDQWR GL
VLJQLILFDWLYD VXOO RUJDQL]D]LRQH VRFLR DVVLVW
JHVWLRQDOH GHL YDUL VLVWHPL VDQLWDUL UHJLRQDC

/XFD 0LHOH 'LULJHQWH 0HGLFR 82& 0HGLFLQD ,QWHUQ
3ROLFOLQLFR *HPOOL 5RPD KD IDWWR LO SXQWR VXO
GHVFULWWR LO SD]LHQWH FLUURWLF

1- 22 \$
8>pGc 0cppS > !K|
s' psGGKppc1 _> (
rsrrc coc¾¾¾, Gcp
IKoIK S] roK`c _S]
IKS Qo>`IS KxK`H\$
.Ä\$! 3 \$]L
!1 3
Ö!>orS`> IcroKFFK
sGGSIKoK >`Gco>
IKoGRL oKpr> S` (
]> _>IoK IS]K`>W
"\$ \$ = = :Q
_Fo> c_F>olc1]Ä
locP IK] o>`IK o>
plcp> I> P>xc]> VÄ

1 \$
0KQSc`>]S1 "K]]c
!sps_KGS QKrr>`)]
plsQ`>¿ Ö o> IcGK
S] ISprsoFcÖ

163930

í6HFRQGR GDWL GL SURLHJLRQH QHL SURVVLPL DQQ
LQFUHPHQWR GL FLUFD LO GL FLUURVL ROWUH FKH
D FDXVH HSDWLFKH &RVD SRVLDPR IDUH" ,O &RYLG F
GL ULRUJDQLJDUH WXWWR LO IOXVVR GHO SDJLHQWH I
LGHQWLILFDUH SUHFRFHPHQWH L VRJJHWWL H FRQ PH
OD QHFHVVLWç GL DYHUH GHL IDUPDFL HIILFDFL H VLF
XQD QXRYD HPHUJHQJDÎ

1 \$
3GGSpK IsK o>I\$;
co>]> _cQ]SK GR
Qo>~S> IKo sSicG
H
-\$!
2>cFs\! !sps_KGS
Áloc>Á S] Gc_S-S
SG>oo> -SGc`K
prcII>`c IS
20 3"
ocIK ps]]K >GGSp
Gc`•pG>rS FK`S M
_S]Sc`S IS Ksoc >
IKroc]Sc G>r>`KpK

,O SDJLHQWH FLUURWLFER a XQ SDJLHQWH HVWUHPDPHQ
LQFRQWUR D RVSHGDOLJJDJLRQL SHU YDUL PRWLYL S
DEEDVWDQJD FRPSHQVDWD SX` DQGDUH LQFRQWUR QF
GL VFRPSHQVR HSDWLFER FKH SX` HVVHUH SUHFLSLWD
DQFKH SRWHQJLDOPHQWH OHWDOL FRPH OH LQIHJLRQL R LO VDQJXLQDPHQWR
JDVWURLQWHVWLQDOH TXDQGR VL YHULILFDQR TXHV
FLUURVL VFRPSHQVDWD LO ULVFKLR GL PRUWDOLWç G
KD DJJLXQWR OLHOH /D PRUWDOLWç SHU FLUURVL VL
PD FL VRQR DOFXQH JRQH GRYH a LQFUHPHQWDWD SH
QRQ WUDVFXUDELOH \$QFKH OÊHSLGHPLRORJLD GHL S
FDPELDWD FL VRQR PROWL SL» SDJLHQWL FKH KDQQR
PHWDEROLFD H PROWR PHQR SDJLHQWL FRQ HSDWLWH

UI element showing a balance of \$0.00 and a button for \$2.00.

6HFRQGR 6DOYDWRUH 3HWW 3URIHVVRUH \$VVRFLDW
í3DROR *LDFFRQHÍ 3DOHUPR OD VWHDWRVL HSDWLFD
PDODWWLD GL IHJDWR GHO PLOHQQLR í8Q VRJJHWW
LO GHJOL REHVL H GHL GLDEHWLFL KDQQR OD VWH
a OHJDWR D FDWWLYL GL VWLOL GL YLWD 'REELDPR DJLUH VXOOD SUHYHQJLRQH
VFRODVWLFER H ODYRUDWLYR 6ROR O GHOOD SRSRODJLRQH JHQHUDOH H LO
VYLOXSSDQR XQ GDQQR HSDWLFER VHYPUR D ULVFKLR
RELHWWLYR a LQWHUFHWWDUH QHOOD DPFLWR GHOOD P
GLDEHWRRORJLFKH TXHVWL VRJJHWWL GD LQVHULUH LQ
3HUWDQWR YDQQR FUHDWH UHWL FKH PHWWRQR LQ FR
H VYLOXSSLQR GHL SHUFRUVL GLDJQRVWLFL WHUDSHX
QRQ HVLVWRQR GHL /(\$ SHU TXHVWD SDWRORJLD SHU
D OLYHOOR GL LVWLWXJLRQL SDJLHQWL H VSHFLDOLVW

Dark overlay containing technical text and code snippets, including '4OEG\'. It lists various system parameters and commands.

*LDQQL 7HVWLQR 'LUHWWRUH 6& 3DWRORJLD GHOOH 'L
2VSHGDOH 6DQ 0DUWLQR *HQRYD 3UHVLGHQWH 1DJL
3UHVLGHQWH 6,\$ KD SDUODWR GL VWLJPD GHOOD SDW
IDPLJOLH WHQGRQR D QDVFRQGHUH LO SUREOHPD SHU
TXHVWR GD XQD SDUWH QRQ SHUPHWWH GL LQWHUFH
SRVLELOLWç GL XQD GLDJQRVL SUHFRFH GHL FDVL 4
GLDJQRVL GL FLUURVL HSDWLFD LQ IDVH SUHFRFH PD
HSDWRFDUFLQRPD LQ IDVH DQFRUD FXUDELOH /D SUH
OD FKLDYH VRQR L JHQLWRUL H OD VFXRODÎ

/ DOFRO a XQD GHOOH FDXVH GL VYLOXSSR GHOOD FLUURVL HSDWLFD ,O SUREOI
GHOO DYLLFLQDPHQWR DOO DOFRO a FDPELDWR QHJOL
SHVDQWHPHQWH FRLQYROWD H LO QXPUR VWLPDWR -OCOZO:Zh

163930

DQQL H VRQR FRQVLGHUDWL FRQVXPDWRUL D ULVFKLF
Í,Q ,WDOLD FLUFD LO GL WXWWH OH FLUURVL HSDWI
WXWWH OH FLUURVL HSDWLFKH H TXDVL LO a OHJDV
GHOO ,VWLWXWR 6XSHULRUH GHOOD 6DQLWç È KD VSL
2VVHUYDWRULR 1D]LRQDOH \$OFRO &1(636 È ,66 ,Q V
FRQVXPDWRUL GL DOFRO LQ ,WDOLD GL FXL PLOLR(
PLOLRQL GL JLRYDQL H PLOLRQH GL PLQRUL FL VRQ
GULQNLQJ FLUFD PLOLRQH WUD L JLRYDQL JOL ÍKHD
FRQVXPDQR XQD TXDQWLWç GL DOFRO GDQQRVD SHU
VROR LO VRQR SUHVL LQ FDULFR GDO VHUYL]LR VDC
ULHVFH DG LQWHUFHWWDUH LO GL WXWWL FRORUR
LQROWUH LO GL WXWWL L FDVL GL FDQFUR GHO IHJ
%LVRJQD DJLUH VX GLYHUVL OLYHOOL GL ULVFKLR VXI
DWWUDYHUVR OD SUHYHQ]LRQH XQLYHUVDOH H TXHOO
GHOOD SURJUDPPD]LRQH H GHOOD SUHYHQ]LRQH , SLL
GHYRQR HVVHUH ULYLVWL ELVRJQD ULIDUH XQ 3LDQR
8IILFLR VWDPSD 0RWRUH 6DQLWç

FRPXQLFD]LRQH#PRWRUHVDQLWD LW

/LOLDQD &DUERQH &HOO

ODUFR %LRQGL &HOO

\$-;0 2 1 % 2 0 -0\$ 3= \$" 0 1 08 2

S ISw ps nsKprS >oQc_K`rS,

\$!3" 2 1 32 Ó Ó " 11 10 Ó-0\$8 "

0SGKxS]K `cproK s]rScQ]K`K]G]SG> ps 1 3 1 lc
`K]]> `scx> pGRKo_>r> G]SGG> ps]]s]p>`K`Q`
1 3

WhatsApp logo and text: 1KQ`>]~Sc`S` PccS\$G\$SGG> ps "8 1 K p>o>S S` Gc`r>
`cproc 2K>_% "8

Taboola Feed

0 \$"2\$
3` QSc0`c > 1>` 2K
l> rcp>rcoS IS IKQ

-H

"= 1-\$02 8 /R
>FoSK]K 2oS`Q>]
o>`GKpG> o>GoS
prK]]K `K] •o_>_K[
IK] r>`Qc >oQK`rS
r>]S>%

12 023-
>]]> 1SGS]S> > (
> pr>orSl KFFS>
pK]K~Sc`>r> l>]]>
sociK>` >sR>spç

12\$0 GI
ÂS`PKo`c S` 3G0>
o>GGc`r>rc l>] oKf
G>r>`KpK, Ó c xSp
G>]IKpr>oK]> ISQ
s_>`>Ó

!31 12 O
> xSrrcoSKpK >o
xc]> > Á2RK F>`l/
Ó1sc`c]> F>rrKoS
lcorc S r>GGRSÖ

- 01\$" \$
>xSl 1So>Gsp>`c'
ZsxK`rS`> IK] yKF
_>~K l> F>pKF>]]
ro>l>`S _S`>GGSc|

4OEG\ÆE:XX:ÆgGjG
Ps`Ko>]S IK]]>
]K`> > >r>`S> \$
G>rrKlo>]K pro>0
0 22 8 \$
2KooK_crc S`
PQR>`Spr>`1 GK
xSrrS_K`K] 1sl
->KpK
RS>o> Koo>Q`
1>`oK_c,
Ó c`Qo>rs]>~Sc`
ScÖ` Ö!S roK>
_>`SÖ
]Sp>FKrr> >`>]
oS`Q IS \SG\Fcz
IKFsrrc xS`GK`rK

EZWg\Z\h

&HUFD QHO VLWR C

8/7,08250 \$8,'8,719025 25,7/(&+656-6(2/8,2

D B

+RPH 1RWL]LH PHUJHQJD DOFRO H PDODWWLH PHWDEROLFKH FDXVH SULQFLSDOL GL VVHWDWRVL H FLUURVL HSDWLF DUH SHUFRUVL GLDJQRVWLFL WHUDSHXWLFL GL IDFLOH ULQYLRµ

1RWL]2H PLQXWL GL OHWWXUD

(PHUJHQJD DOFRO H PDODWWLH PHV
SULQFLSDOL GL VVHWDWRVL H FLUUR
'6HUYH ULYHGHUH L SLDQL QD]LRQD
FUH DUH SHUFRUVL GLDJQRVWLFL WI
ULQYLRµ

DGQNURQRV

O S U

O

S

U

\$GQNURQRV 2
1HL SURVVPL DQQL VL VWLPD XQ LQFUHPHQWR GL FLUFD LO GL FLUURVL GL HSDWRFDUFLQRPD H GL PRUW

5RPD JLXJQR /-HFFHVLYR FRQVXPR GL DOFRO LQ FUHVFLWD QHOOD SRSRODJLRQH LWDOLDQD H OH PDODW VVHWDWRVL H GL FLUURVL HSDWLF 1HO QRVWUR 3DHVH JOL HVSHUWL SDUODQR GL XQD YHUD H SURSULD HPHUJH IHJDWR GHO PLOOHQLRµ OD VVHWDWRVL HSDWLF QRQ DOFROLFD FH O-KD XQD SHUVRQD VX H LO GHJOL REH OD SULRULWj q LGHQWLILFDUH SUHFRFHPHQWH L VRJJHWWL D ULVFKLR H ULYHGHUH L SLDQL QD]LRQDOL GL SUHYI

/H PDODWWLH FURQLFKH GHO IHJDWR UDSSUHVHQWQDQR XQ-HPHUJHQJD HSLGHPLRORJLFD H FOLQLFD D OLYHOOR PF PLOD FDLV FRQ XQ WDVVR GL SUHYDOHQJD GHOOR QHOOD SRSRODJLRQH WRWDOH /D GLVSRQLELOLWj GL ID HSDWLF PD F-q DQFRUD PROWR GD IDUH SHU IDU HPHUJHUH LO VRPPHUVR /D PDODWWLD HSDWLF LQROWUH Q PHWDEROLFKH H DOFRO FKH LQ DVVHQJD GL PRQLWRUDJLR SRVVRQ HYROYHUH D FLUURVL FDQFUR HSDWLF H VXOO-RUJDQL]D]LRQH VRFLR DVVLVWHQ]LDOH H VXOO-LPSDWWR HFRQRPLFR JHVWLQRQDOH GHV YDUL VLVVHPL VDC

\$OOD OXFH GHOH ULVRUVH LQ DUULYR GDO 3155 FRPH GRUyU ULRUJDQL]DUVL OD ILOLHUD DVVLVWHQ]LDOH" 3H ORWRUH 6DQLWj
FRQ OD VSRQRUL]D]LRQH QRQ FRQGL]LRQDQWH GL SOIDVLJPD H ,QWHUFHSW 3KDUPEDFHXWLFDOV KD SURPRVVR ,/ 3(5&2562 \$' 267\$&2/, '(/ 0\$/72 ',)(*\$72 2 /-(92/8=,21('(// (&\$86(', &,5526, '\$//+&9 \$//-%862 ', \$/&22/ \$// \$1\$6+ µ

/XFD 0LHOH 'LULJHQWH 0HGLFR 82& 0HGLFLQD ,QWHUQD H GHO 7UDSLDQWR GL)HJDWR 3ROLFOLQLFR *HPHOOL 5RP GHVFULWWR LO SD]LHQWH FLUURWLF

'6HFRQGR GDWL GL SURLH]LRQH QHL SURVVPL DQQL SRWUHPPR DYHUH XQ ULVFKLR GL LQFUHPHQWR GL FLUFD FDXVH HSDWLFKH &RVD SRVLDPR IDUH" ,O &RYLG FL KD IDWWR ULIOHWWHUH VXOOD QHFHVVLWj GL ULRUJDQL]D]L LGHQWLILFDUH SUHFRFHPHQWH L VRJJHWWL H FRQ PHWRGLFKH QRQ LQYDVLYH ,QROWUH DEELDPR OD QHFHVVLWj XQD QXRYD HPHUJHQJDµ

,O SD]LHQWH FLUURWLF q XQ SD]LHQWH HVWUHPDPHQWH IUDJLOH ',QIDWWL YD IDFLOPHQWH LQFRQWUR D RVSH FRPSHQVDWD SXz DQGDUH LQFRQWUR QHO WHPSR DQFKH DG XQD FRQGL]LRQH GL VFRPSHQVR HSDWLF FKH SXz HV SRWHQ]LDOPHQWH OHWDOL FRPH OH LQIH]LRQL R LO VDQJXLQDPHQWR JDVWURLQWHVWLQDOH TXDQGR VL YHULIL PRUWDLWj GHO VRJJHWWR q DG XQ DQQR GDOO-HYHQWR 2 KD DJJLXQWR 0LHOH /D PRUWDLWj SHU FLUURVL VL LQFUHPHQWDWD SHUWDQWR OD FLUURVL UHVWD XQ SUREOHPD QRQ WUDVFXUDELOH \$QFKH O]HSLGHPLRORJLD GI KDQQR XQD HSDWRSDWLD DOFROLFD R PHWDEROLF D PROWR PHQR SD]LHQWL FRQ HSDWLWH & JUD]LH DOOH QXRYI

6HFRQGR 6DOYDWRUH 3HWWD 3URIHVVRUH \$VVRELDWR LQ *DVWURHQWHURORJLD 3ROLFOLQLFR '3DROR *LDFFRQH

,,) (67 < / (% / 2 * , 7 : (%

ZZZ HFRVWDF

GL IHJDWR GHO PLOOHQQLR '8Q VRJJHWWR VX KD VVHDWRVL HSDWLFD QRQ DOFROLFD LO GHJOL REHVL H GH
FDWWLYL GL VWLQL GL YLWD 'REELDPR DJLUH VXOOD SUHYHQJLRQH LQ DPELWR VFRODVWLFH H ODYRUDWLYR 6R
GDQQR HSDWLFR VHYHUR D ULVFKLR GL FRPSOLFDQJH TXLQGL LO QRWUR RELHWWLYR q LQWHUFHWWDUH QHOO
GD LQVHULUH LQ SURJUDPPDL GL WHUDSLD H IROORZ XS 3HUWQWR YDQQR FUDWH UHVL FKH PHWWRQR LQ FRP
WHUDSHXWLF GL IDFLOH UHIHODO ,QROWH DG RJJL QRQ HVLVWRQR GHL /(\$ SHU TXHVWD SDWRORJLD SHUWDQ
VLD GHL SHUFRUVL

*LDQQL 7HVWLQR 'LUHWWRUH 6 & 3DWRORJLD GHOH 'LSHQGHQJH HG (SDWRORJLD \$6/ 2 VSHGDOH 6DQ 0DUWLQR
3UHVLGHQWH 6,\$ KD SDUODWR GL VWLJPD GHOH SDWRORJLD HSDWLFD ', SDJLHQWL H OH ORUR IDPLJOLH WHQGR
XQD SDUWH QRQ SHUPHWWH GL LQWHUFHWWDUOL GDOO.DOWUD VL ULGXFRQR OH SRVLELOLWJ GL XQD GLDJQRVI
HSDWLFD LQ IDVH SUHFRH PD DQFKH XQD IRUWH ULGXJLRQH GL FDVL GL HSDWRFDUFLQRPD LQ IDVH DQFRUD FXUI
H OD VFXROD

/DOFRO q XQD GHOH FDXVH GL VYLOXSSR GHOH FLUURVL HSDWLFD ,O SUREOHPD GHOH.DYLLFLQDPHQWR DOO
FRLQYROWD H LO QXPHUR VWLPDWR q GL FLUFD PLOLRQH PLOD VRWWR L DQQL H VRQR FRQVLGHUDWL FRQV

,Q ,WDOLD FLUFD LO GL WXWWH OH FLUURVL HSDWLFKH q GL RULJLQH DOFROLFD TXDVL LO GL WXWWH OH F
GHOH.,VWLWXWR 6XSHLURH GHOH 6DQLWj 2 KD VSLHJDWR (PDQXHOH 6FDIDWR 'LUHWWRUH 2VVHUYDWRULR 1DJL
DOFRO LQ ,WDOLD GL FXL PLOLRQL VRQR L FRQVXPDWWRUL D ULVFKLR PLOLRQL GL JLRYDQL H PLOLRQH GL
PLOLRQH WUD L JLRYDQL JOL 'KDY\ GULQNHUV EHYLWRUL SHVDQWL FKH FRQVXPQR XQD TXDQWLWj GL DOFR
FDULFR GDO VHUYLJLR VDQLWDULR QDJLRQDOH VHUYLJLR FKH QRQ ULHVH DG LQWHUFHWWDUH LO GL WXWWL
FDQFUR GHO IHJDWR q OHJDWR DOO.XVR GDQQRVR GL DOFRO %LVRJQD DJLUH VX GLYHUVL OLYHOOL GL ULVFKLR
TXHOOD DG DWR ULVFKLR FROPDQR L PROWL JDS GHOH SURJUDPPDJLRQH H GHOH SUHYHQJLRQH , SLDQL QD
QDJLRQDOH DOFRO H VDOXWH

8IILFLR VWDPD 0RWRUH 6DQLWj

FRPXQLFDJLRQH#PRWRUHVDQLWD LW

/LOLDQD &DUERQH 2 &HOO

ODUFR %LRQGL 2 &HOO

ZZZ PRWRUHVDQLWD LW

O S U

DGQNURQRV

/HJJL L FRPPH

SUWLFROR SUHFHGHQWH

SUWLFROR VVFFHVVLJR

166 <DFKWLQJ q SULPD LQ (XURSD SHU OBLVHQQDWR GLEPDPDRDOLH PLOLRQL GL GHOODUL LQ XQ L
*LXJQR JXLGDWR GD ,QVLJKW 3DUWQHUV SHU DLXWDUH SL• SHUVRQH
*LXJQR

8OWLPH 1HZV

5LDVVXQWR \$GYHQW 7HFKQRORJLHV RVSLWHUj O.,QYHVWRU 'D\ LO OXJOLR
*LXJQR

/DYRUR FHUFDVL DJLHQGH SHU LQGDJLQH VX FRPH DWWUDUWH JLRYDQ
*LXJQR

&RQVXOHQWL ¶6HPSUH SL• GLIILFLOH WURYDUH PHGLFL IDUPDFLVWL I
*LXJQR

163930



Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: “Serve rivedere i piani nazionali di prevenzione e creare percorsi diagnostici terapeutici di facile rinvio”

IMMEDIAPRESS > Emergenza alcol e malattie metaboliche cause principali di steatosi e cirrosi epatica. I clinici: “Serve rivedere i piani nazionali di prevenzione e creare percorsi diagnostici terapeutici di facile rinvio”



Di Adnkronos

22 Giugno 2022

(Adnkronos) –

Nei prossimi 10 anni si stima un incremento di circa il 170% di cirrosi, di epatocarcinoma e di morti legate a cause epatiche.

Roma, 22 giugno 2022. L'eccessivo consumo di alcol, in crescita nella popolazione italiana, e le malattie metaboliche sono una delle cause principali di sviluppo di steatosi e di cirrosi epatica. Nel nostro Paese gli esperti parlano di una vera e propria emergenza. A questo si aggiunge quella che i clinici definiscono la "malattia di fegato del millennio", la steatosi epatica non alcolica: ce l'ha una persona su 4 e il 60% degli obesi e dei diabetici, a causa di cattivi stili di vita. Di fronte a questo quadro la priorità è identificare precocemente i soggetti a rischio e rivedere i piani nazionali di prevenzione.

Le malattie croniche del fegato rappresentano un'emergenza epidemiologica e clinica a livello mondiale e nazionale. In Italia le persone colpite da cirrosi epatica sono 180mila casi, con un tasso di prevalenza dello 0,3% nella popolazione totale. La disponibilità di farmaci anti-HCV ha prodotto orizzonti nuovi per i pazienti con malattia epatica, ma c'è ancora molto da fare per far emergere il sommerso. La malattia epatica, inoltre, non è solo HCV, poiché emergono molte altre cause quali malattie metaboliche e alcol, che in assenza di monitoraggio possono evolvere a cirrosi, cancro epatico e fino al trapianto di fegato, incidendo in maniera significativa sull'organizzazione socio-assistenziale e sull'impatto economico gestionale dei vari sistemi sanitari regionali.

Alla luce delle risorse in arrivo dal PNRR, come dovrà riorganizzarsi la filiera assistenziale? Per rispondere a questa e ad altre domande

Motore Sanità

, con la sponsorizzazione non condizionante di Alfasigma e Intercept Pharmaceuticals, ha promosso il webinar dal titolo: "

IL PERCORSO AD OSTACOLI DEL MALATO DI FEGATO – L'EVOLUZIONE DELLE CAUSE DI CIRROSI: DALL'HCV, ALL'ABUSO DI ALCOOL, ALLA NASH
".

Luca Miele, Dirigente Medico UOC Medicina Interna e del Trapianto di Fegato Policlinico Gemelli Roma ha fatto il punto sulla cirrosi epatica nel nostro paese e ha descritto il paziente cirrotico.

"Secondo dati di proiezione, nei prossimi 10 anni potremmo avere un rischio di incremento di circa il 170% di cirrosi oltre che di epatocarcinoma e di morti legate a cause epatiche. Cosa possiamo fare? Il Covid ci ha fatto riflettere sulla necessità di riorganizzare tutto il flusso del paziente all'interno dell'ospedale cercando di identificare precocemente i soggetti e con metodiche non invasive. Inoltre abbiamo la necessità di avere dei farmaci efficaci e sicuri sulla steatosi epatica non alcolica, una nuova emergenza".

/2 & \$/3 \$* (8

/2 & \$ / 3 \$ * ((8

